

Test

1

Total mark

15

1 Choose the correct answer :

(5 marks)

1 The period of the underlined digits in the number 25,613,729,114 is

- (a) ones. (b) thousands.
(c) millions. (d) millions.

2 2 days and 2 hours = hours

- (a) 22 (b) 4
(c) 62 (d) 50

3 721 cm =

- (a) 21 m , 7 cm (b) 72 m , 1 cm
(c) 7 m , 21 cm (d) 1 m , 72 cm

4 Rounding the number 37,098 to the nearest thousand is

- (a) 37,100 (b) 37,000
(c) 37,108 (d) 37,098

5 12 L , 50 mL = mL

- (a) 62 (b) 5,012
(c) 1,250 (d) 12,050

2 Complete :

(5 marks)

1 The value of the digit 6 in the number 364,217,098 is

2 $234 + [621 + 479] = [234 + \dots] + 479$

3 $300 + 7,000 + 10 + 4 + 7,000,000 = \dots$

4 If $x - 9 = 26$, then $x = \dots$

5 $735,462 \approx \dots$ [Round to the nearest ten thousand]

- 3 [a]** The population of Matrouh Governorate is 519,800 people , and the population of South Sinai Governorate is 112,200 people. Then what is the difference between the population of Matrouh Governorate and the population of South Sinai Governorate ? (2 marks)

.....

- [b]** By using the properties of addition find the sum of :

$$12 + 30 + 28 + 20$$

(3 marks)

.....

.....

.....

Test

2

Total mark

15

(5 marks)

1 Complete :

- 1 45 kg , 68 g = g
- 2 Three milliard , one hundred thirty-seven million , six hundred nineteen thousand , eighty-eight = (in standard form)
- 3 Rounding the number : 8,532 to the nearest 1,000 is approximately
- 4 The place value of the digit 7 in the number 547,621,398 is
- 5 9 L – 3,000 mL = mL

2 Choose the correct answer :

(5 marks)

- 1 Milliard is the smallest number formed from digits.
 (a) 6 (b) 9 (c) 10 (d) 12
- 2 The liter (L) is the basic unit of
 (a) length (b) weight (c) time (d) capacity
- 3 The additive identity is
 (a) zero (b) 1 (c) 10 (d) 100
- 4 $[5 \times 1] + [8 \times 1,000] + [4 \times 10,000] =$
 (a) 485 (b) 4,805 (c) 48,005 (d) 480,005
- 5 What is the value of X ? $35 + X = 47$
 (a) 7 (b) 12 (c) 82 (d) 72

3 [a] The game started at 7 : 50 P.M. It ended at 10 : 05 P.M.

How long was the game ?

(3 marks)

.....

- [b] A bridge of ants consists of 142 ants , and another bridge consists of 165 ants. How many ants are there in the two bridges together ? (2 marks)
-

Test

3

Total mark

15

(5 marks)

1 Choose the correct answer :

1 $83,754 \dots\dots\dots 100,000$

(a) $>$ (b) $=$ (c) $<$

2 $3,425 + 4,768 = 193 + \dots\dots\dots$

(a) 8

(b) 80

(c) 800

(d) 8,000

3 Which of the following is the greatest mass ?

(a) 900 g

(b) 20,000 g

(c) 70 kg

(d) 16 kg

4 Rounding the number 34,089 to the nearest ten thousand is

(a) 34,000

(b) 34,090

(c) 30,000

(d) 35,000

5 35 million , 17 thousand , 230 =

(a) 3,517,230

(b) 35,170,230

(c) 35,017,230

(d) 3,517,023

2 Complete :

(5 marks)

1 If $835 - A = 751$, then the value of A =

2 $8\text{ L} , 200\text{ mL} - 2\text{ L} , 50\text{ mL} = \dots\dots\dots\text{ mL}$

3 The place value of the digit 2 in the number 9,152,747,180 is

4 $50,000,000 + 345,000 + 730 = \dots\dots\dots$

5 8,000 thousands = millions.

3 [a] Hany and Sameh participated in a project. Hany paid 251,650 pounds.

If the cost of the project is 500,000 pounds , how much is Sameh paying ?

(3 marks)

.....

[b] Write the numbers in a descending order :

(2 marks)

4,237,651 , 4,273,653 , 495,627 , 4,237,690

The order is : , , ,

Answers of Test

1

1 d 2 d 3 c 4 b 5 d

2 1 60,000,000 2 621 3 7,007,314 4 35 5 740,000

3 [a] The difference = $519,800 - 112,200 = 407,600$ people

[b] $12 + 30 + 28 + 20 = 12 + 28 + 30 + 20$ (Commutative)
 $= (12 + 28) + (30 + 20)$ (Associative)
 $= 40 + 50 = 90$

Answers of Test

2

1 1 45,068 2 3,137,619,088 3 9,000 4 millions 5 6,000

2 1 c 2 d 3 a 4 c 5 b

3 [a]

Hours		Minutes
⁹ 10	:	⁶⁵ 05
7	:	50
2	:	15

The time of the game is 2 hours and 15 minutes.

[b] The number of ants in the two bridges = $142 + 165 = 307$ ants

Answers of Test

3

1 1 c 2 d 3 c 4 c 5 c

2 1 84 2 6,150 3 millions 4 50,345,730 5 8

3 [a] Sameh paid = $500,000 - 251,650 = 248,350$ pounds

[b] The order is : 4,273,653 , 4,237,690 , 4,237,651 , 495,627

Assessment 1





1 Complete the following:

- a $300,750 = (3 \times \dots) + (7 \times \dots) + (5 \times \dots)$
- b $12,000 = 10 \text{ times of } \dots$
- c $5,065 \text{ cm} = \dots \text{ m}, \dots \text{ cm}$
- d $27,957 \approx 30,000$ (To the nearest \dots)

2 Choose the correct answer:

- a Which of the following represents the Commutative Property of Addition?
 $(635 + 492 = 492 + 635 \text{ or } 0 + 847 = 847 \text{ or } (18 + 2) + 16 = 36 \text{ or } 1 + 131 = 132)$
- b The additive identity is \dots (0 or 1 or 2 or 3)
- c If $9 + X = 27$, then $X = \dots$ (927 or 36 or 18 or 3)
- d A kilogram is a measurement unit of the \dots .
 (volume or height or mass or capacity)

3 Compare using ($<$, $=$ or $>$):

- a Four hundred fifty-two million, six hundred ninety-five  4,520,003,695
- b 4,000 grams  40,000 kilograms
- c 2  100,000 - 99,999
- d 72 hours  3 days

4 Answer the following questions:

- a Write the number (2 million, 235 thousand, 624) in the expanded form.

.....

.....

- b The distance between Samah's house and her school is 2 km.

What is the distance in meters, decimeters, and centimeters?

2 km = m = dm = cm

- c Salma trains to swim for an hour and 15 minutes. If she starts training at 5:35, when will Salma finish training?

.....

.....

- d $3:45 + 2:15 =$:

Assessment 2





1 Complete the following:

- a If $X - 20 = 30$, then $X =$
- b $155 \text{ cm} =$ dm, cm
- c $2,617 - 1,716 =$
- d The additive identity element is

2 Choose the correct answer:

- a $8 \text{ L} =$ mL (8 or 8000 or 80 or 800)
- b The largest number that can be formed from the digits (5, 3, 4, 7, 0, 6) is (534,706 or 765,430 or 706,543 or 304,567)
- c The smallest 9-digit number $<$
(one milliard or 100 million or 999 thousand or 999 million)
- d The gram is the best unit for measuring the mass of a
(ring or child or car or chair)

3 Compare using ($<$, $=$ or $>$):

- | | | | |
|---|--|---|---------------|
| a | $(3 \times 1,000,000,000) + (3 \times 10)$ |  | 3,000,003,000 |
| b | 23,023 mL |  | 23,023 mL |
| c | Milliard |  | 1,000,000,000 |
| d | 1000 mL |  | 100 liters |

4 Match:

- | | | |
|---|---------------------|-----------------------|
| a | 2 days , 12 hours • | • 60 days 1 |
| b | 8 weeks , 4 days • | • 60 minutes 2 |
| c | 1 minute • | • 60 hours 3 |
| d | 1 hour • | • 60 seconds 4 |

5 Answer the following questions:

- a The fish tank can be filled with 50 liters of water. If the tank contains 35 liters and 130 milliliters, how much water do we need to fill the tank?

.....

.....

.....

- b If the weight of Hala is 65 kg and 250 g. What is the weight of Hala in grams?

.....

.....

.....

1 Complete each of the following:

- a 63 hundreds = tens
- b $4,615 + 5,785 = \dots\dots\dots$
- c The place value of the digit 7 in the number 721,243 is
- d Rounding the number 358,634,123 to the nearest million is
- e 3 hours and a half = minutes.

2 Choose the correct answer:

- a (3 ten thousands and 2 hundreds) $\times 100 = \dots\dots\dots$
- 3,200,000 • 3,020,000 • 30,200 • 300,200
- b The result of $559 + 107$ by using compensation strategy is
- $500 + 100 = 600$ • $560 + 108 = 667$ • $560 + 106 = 666$ • $550 + 100 = 650$
- c $1,435,765 + 5,565 = 5,565 + 1,435,765$ represents the property.
- distributive • additive identity • commutative • associative
- d The number which has the smallest digit in the millions place is
- 4,234,654,210 • 2,432,651,987 • 143,546,109 • 3,356,123,440
- e $6L + 235 \text{ ml} = \dots\dots\dots \text{ ml}$
- 2,356 • 6,235 • 6,253 • 6,325

3 Find the result of the following using your favorite strategy:

a $3,454$

$+ 287$

.....

b $6,057$

$- 189$

.....

4 Read and answer:

3

a Using the front-end estimation strategy, find:

$$563 + 290 = \dots\dots\dots$$

b Adam has L.E. 100,000, he bought a T.V. set for L.E. 25,450 and a mobile phone for L.E. 10,446.

Find the remainder with him, using the following bar model.

.....		
.....

1 Complete each of the following:

5

- a The standard form of $3,000,000 + 10,000 + 3,000$ is
- b $2,390 - 987 =$
- c The value of the digit 5 in the number 5,876,234 is
- d Nine hundred sixty million, two hundred and thirty-five in the standard form is
- e $3 \text{ km} + 230 \text{ m} =$ m

2 Choose the correct answer:

5

- a $54,863,234 \simeq 54,900,000$ to the nearest
- thousand • ten thousand • hundred thousand • million
- b $934 + 665$ can be estimated using front-end strategy as
- $900 + 600 = 1,500$ • $1,000 + 600 = 1,600$
 - $930 + 660 = 1,590$ • $900 + 700 = 1,600$
- c $236,542 + (28 + 12,402) = (236,542 + 28) + 12,402$ representsproperty.
- distributive • additive identity • commutative • associative
- d The rounding of 65,264,876,123 to the nearest milliard is
- 65,000,000,000 • 66,000,000,000 • 70,000,000,000 • 65,300,000
- e $35,560 \text{ m} =$ km, m
- 35 km, 560 m • 56 km, 360 m • 560 km, 35 m • 3 km, 5560 m

3 Find the result by using the following:

3

- a standard algorithm strategy.

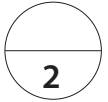
$$\begin{array}{r} 61,451 \\ + 9,295 \\ \hline \end{array}$$

$$\begin{array}{r} 9,987 \\ - 6,239 \\ \hline \end{array}$$

b Using break up and bridge strategy:

$$324 + 260 = \dots\dots\dots$$

4 Read and answer:



Razan is a banker. She counted L.E. 12,325 on Monday, L.E. 20,860 on Tuesday, and L.E. 8,905 on Wednesday. How many more pounds does she still need to count L.E. 53,864?

.....

.....

1 Complete each of the following:

5

- a The expanded form of six hundred forty-six thousand is

..... and its standard form is

- b
- $5,768,125,345 \simeq$
- to the nearest ten thousand.

- c The value of the digit 3 in the number 387,209,561 is

- d The number 256,345,740 in word form is

- e
- $9,000,000$
- millimeters = km

2 Choose the correct answer:

5

- a The value of
- x
- in the equation
- $200 + x = 62,340$
- is

• 62,540

• 60,340

• 62,320

• 62,140

- b A store has 4,000 toys, if 3,600 toys were left. Let P represent the number of sold toys, which bar model represents the number of sold toys?

4,000	
3,600	P

3,600	
4,000	P

P	
3,600	4,000

400	
3,600	P

- c The choice which represents the correct rounding to estimate the reasonable answer of the problem
- $459 - 188$
- is

• $460 - 100 = 360$ • $500 - 200 = 300$ • $400 - 100 = 300$ • $460 - 200 = 260$

- d The rounding of 256,109,470 to the nearest million is

• 260,000,000

• 256,000,000

• 256,100,000

• 257,000,000

- e 8 weeks and 4 days = days

• 56

• 60

• 59

• 61

3 Use the rounding strategy to estimate each of the following:

3

- a
- $496 + 263$

- b
- $2,800 - 1,450$

4 Order the following numbers in ascending order:

2

$(5 \times 1,000,000,000) +$
 $(4 \times 1,000) + (6 \times 10)$

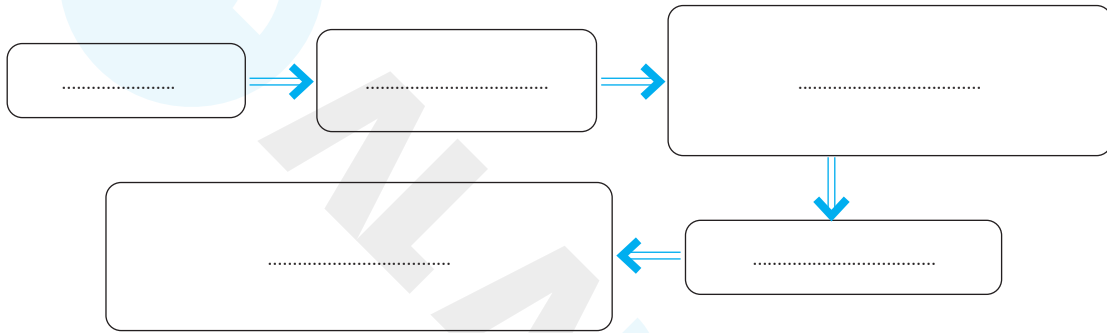
six hundred million four
thousand and one

4,765,987

500,897

600,876,000

The order is:



15
Marks

Model (1)

1 Complete each of the following:

5

- a 63 hundreds = 630 tens
- b $4,615 + 5,785 =$ 10,400
- c The place value of the digit 7 in the number 721,243 is hundred thousands.
- d Rounding the number 358,634,123 to the nearest million is 359,000,000
- e 3 hours and a half = 210 minutes

2 Choose the correct answer:

5

- a (3 ten thousands and 2 hundreds) $\times 100 =$
 - 3,200,000
 - **3,020,000**
 - 30,200
 - 300,200
- b The result of $559 + 107$ by using compensation strategy is
 - $500 + 100 = 600$
 - $560 + 108 = 667$
 - **$560 + 106 = 666$**
 - $550 + 100 = 650$
- c $1,435,765 + 5,565 = 5,565 + 1,435,765$ represents the property.
 - distributive
 - additive identity
 - **commutative**
 - associative
- d The number which has the smallest digit in the millions place is
 - 4,234,654,210
 - 2,432,651,987
 - **143,546,109**
 - 3,356,123,440
- e $6L + 235 \text{ ml} =$ ml
 - 2,356
 - **6,235**
 - 6,253
 - 6,325

3 Find the result of the following using your favorite strategy:

2

a
$$\begin{array}{r} 3,454 \\ + 287 \\ \hline \end{array}$$

$$\begin{array}{r} 3,741 \end{array}$$

3,741

b
$$\begin{array}{r} 6,057 \\ - 189 \\ \hline \end{array}$$

$$\begin{array}{r} 5,868 \end{array}$$

5,868

4 Read and answer:

3

- a Using the front-end estimation strategy, find:

$$563 + 290 = \dots\dots\dots$$

$$\underline{500 + 200 = 700}$$

- b Adam has L.E. 100,000, he bought a T.V. set for L.E. 25,450 and a mobile phone for L.E. 10,446.

Find the remainder with him, using the following bar model.

<u>100,000</u>		
<u>x</u>	<u>10,446</u>	<u>25,540</u>

$$\underline{\text{The money he paid} = 10,446 + 25,540 = \text{L.E.}35,986}$$

$$\underline{\text{The remainder} = 100,000 - 35,986 = \text{L.E.}64,014}$$

Model (2)

1 Complete each of the following:

5

- a The standard form of $3,000,000 + 10,000 + 3,000$ is 3,013,000
- b $2,390 - 987 =$ 1,403
- c The value of the digit 5 in the number 5,876,234 is 5,000,000
- d Nine hundred sixty million, two hundred and thirty-five in the standard form is 960,000,235.
- e $3 \text{ km} + 230 \text{ m} =$ 3,230 m

2 Choose the correct answer:

5

- a $54,863,234 \simeq 54,900,000$ to the nearest
 • thousand • ten thousand • **hundred thousand** • million
- b $934 + 665$ can be estimated using front-end strategy as
 • **$900 + 600 = 1,500$** • $1,000 + 600 = 1,600$
 • $930 + 660 = 1,590$ • $900 + 700 = 1,600$
- c $236,542 + (28 + 12,402) = (236,542 + 28) + 12,402$ representsproperty.
 • distributive • additive identity • commutative • **associative**
- d The rounding of 65,264,876,123 to the nearest milliard is
 • **65,000,000,000** • 66,000,000,000 • 70,000,000,000 • 65,300,000
- e $35,560 \text{ m} =$ km, m
 • **35 km, 560 m** • 56 km, 360 m • 560 km, 35 m • 3 km, 5560 m

3 Find the result by using the following:

3

- a standard algorithm strategy.

$$\begin{array}{r} 61,451 \\ + 9,295 \\ \hline \text{70,746} \end{array}$$

$$\begin{array}{r} 9,987 \\ - 6,239 \\ \hline \text{3,748} \end{array}$$

b Using break up and bridge strategy:

$$324 + 260 = \dots\dots\dots$$

$$\begin{array}{r} 300 + 20 + 4 \\ + 200 + 60 \\ \hline 500 + 80 + 4 = 584 \end{array}$$

4 Read and answer:

2

Razan is a banker. She counted L.E. 12,325 on Monday, L.E. 20,860 on Tuesday, and L.E. 8,905 on Wednesday. How many more pounds does she still need to count L.E. 53,864?

$$\text{What she counted} = 12,325 + 20,860 + 8,905 = 42,090 \text{ pounds}$$

$$\text{What she needs to count} = 53,864 - 42,090 = 11,774 \text{ pounds}$$

1 Complete each of the following:

- a The expanded form of six hundred forty-six thousand is 600,000 + 40,000 + 6,000 and its standard form is 646,000
- b $5,768,125,345 \approx \underline{5,768,130,000}$ to the nearest ten thousand.
- c The value of the digit 3 in the number 387,209,561 is 300,000,000
- d The number 256,345,740 in word form is two hundred fifty-six million, three hundred forty-five thousand, seven hundred and forty.
- e $9,000,000 \text{ millimeters} = \underline{9} \text{ km}$

2 Choose the correct answer:

- a The value of x in the equation $200 + x = 62,340$ is
 • 62,540 • 60,340 • 62,320 • **62,140**
- b A store has 4,000 toys, if 3,600 toys were left. Let P represent the number of sold toys, which bar model represents the number of sold toys?
- | | |
|-------|---|
| 4,000 | |
| 3,600 | P |
- | | |
|-------|---|
| 3,600 | |
| 4,000 | P |
- | | |
|-------|-------|
| P | |
| 3,600 | 4,000 |
- | | |
|-------|---|
| 400 | |
| 3,600 | P |
- c The choice which represents the correct rounding to estimate the reasonable answer of the problem $459 - 188$ is
 • $460 - 100 = 360$ • **$500 - 200 = 300$** • $400 - 100 = 300$ • $460 - 200 = 260$
- d The rounding of 256,109,470 to the nearest million is
 • 260,000,000 • **256,000,000** • 256,100,000 • 257,000,000
- e 8 weeks and 4 days = days
 • 56 • **60** • 59 • 61

3 Use the rounding strategy to estimate each of the following:

- a
- $496 + 263$

<u>496</u>	→	<u>500</u>
<u>+ 263</u>	→	<u>+ 300</u>
<hr/>		
800		

b $2,800 - 1,450$

$$\begin{array}{r} 2,800 \longrightarrow 3,000 \\ - 1,450 \longrightarrow - 1,000 \\ \hline 2,000 \end{array}$$

4 Order the following numbers in ascending order:

2

$$(5 \times 1,000,000,000) + (4 \times 1,000) + (6 \times 10)$$

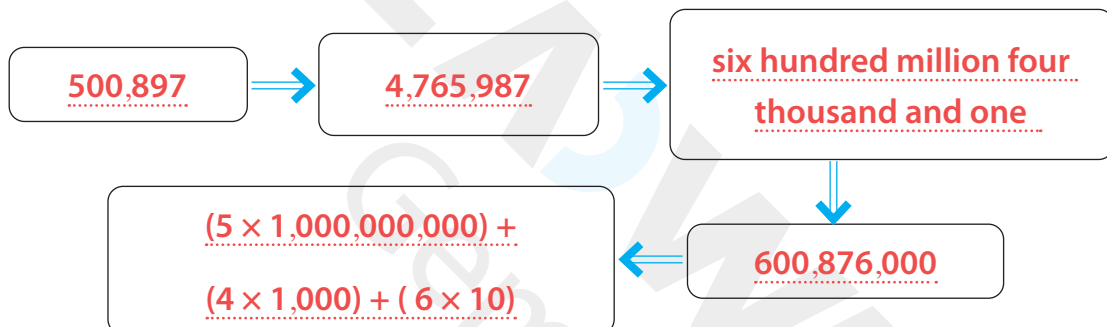
six hundred million four thousand and one

4,765,987

500,897

600,876,000

The order is:



Test (1)

1 Choose the correct answer:

- 1 The place value of the digit 8 in the number: 68,423,975 is
 a thousands b hundred thousands c one million d ten millions
- 2 6 hours and 40 minutes = minutes.
 a 400 b 100 c 640 d 184
- 3 If the school day lasts for 6 hours, to count the number of minutes of that time we
 a add 6 to 60 b multiply 6 by 60
 c add 6 to 24 d multiply 6 by 24
- 4 The number 6,235,475 \approx (to the nearest Million).
 a 6,235,000 b 7,000,000 c 6,240,000 d 6,000,000

2 Complete the following:

- 1 Estimating the number 865,839 through the first number from the left
 =
- 2 75 million = thousand = hundred.
- 3 In the number: 555,555 the place value of the digit 5 if its value is 10 times
 the value of the digit 5 in the ten thousands is
- 4 $4,318 + 0 =$ (The strategy of)

3 Convert to the units shown on the bar models:

a	8,125 grams	b	..... mL	c	379 dm
..... kg	..... gr	5 liters	46 mL	..... m	..... cm

4 Match each item in (A) with what suits it in (B):

(A)	(B)
1 8 hours and 12 minutes = minutes.	972
2 1 week, 3 days and 5 hours = hours.	492
3 16 minutes and 12 seconds = seconds.	245

Test (2)

1 Choose the correct answer:

- 1 The number: $84,867 \approx$ (to the nearest Ten Thousand).
 a 85,000 b 80,000 c 84,870 d 84,900
- 2 Which of the following expresses an ascending order?
 a 3,580 , 3,573 , 3,757 , 3,735 b 3,573 , 3,580 , 3,735 , 3,757
 c 3,757 , 3,573 , 3,508 , 3,735 d 3,573 , 3,757 , 3,735 , 3,580
- 3 Which of the following is the extended form of the number: 29,003,008?
 a $20,000,000 + 3,000,000 + 9,000 + 8$
 b $20,000,000 + 9,000,000 + 30,000 + 8$
 c $20,000,000 + 9,000,000 + 3,000 + 8$
 d $2,000,000,000 + 9,000,000 + 3,000 + 8$
- 4 We can put the digit in place of the square so that the mathematical expression will be correct.

$$6,351,824 > 6,35\square,824$$

 a 1 b 2 c 0 d 3

2 Complete the following:

- 1 The place value of the digit 2 in the number: 92,314,957 is
- 2 The standard form of the number: 56 million 34 thousand is
- 3 From 7:30 a.m. to 12 noon, the elapsed time =
- 4 5 weeks, 5 days and 12 hours = hours.

3 Match each item in (A) with what suits it in (B):

(A)	(B)
1 65 liters and 342 milliliters = mL.	65,432
2 The greatest number formed from 5, 3, 4, 2, 6 is	65,243
3 65 kg and 243 gr = gr.	65,342

4 If the distance between Laila's house and school is 2 kilometers, what is the distance she covers to and from school in meters?

The distance = = m.

Test (3)

1 Choose the correct answer:

- 1 The standard form of the number 4 milliard, 379 million, 56 is
 - a 3,379,056,000
 - b 4,379,056
 - c 56,397,400
 - d 4,379,000,056
- 2 $0 + 375 = 375$ (The strategy of)
 - a commutative property
 - b associative property
 - c additive identity
 - d None of these
- 3 A week, 3 days and 5 hours = hours.
 - a 135
 - b 753
 - c 605
 - d 245
- 4 Each of the following is a mass measure, except
 - a hectogram
 - b decagram
 - c milliliter
 - d gram

2 Complete the following:

- a $892,519 \approx$ (to the nearest Thousand).
- b 3 kilometers and 70 decimeters = meters.
- c In the opposite bar model:
 $a = \dots \times 102$, $a = \dots$

4,053	
a	993

3 Match each item in (A) with what suits it in (B):

(A)	(B)
1 4 weeks and two days = hours.	207
2 10 times $3 \times 9 =$	720
3 The smallest number formed from 7, 0, 2 is	270

4 If a car covered a distance of 270 kilometers of a road which is 548 kilometers long, what is the remaining distance?

The remaining distance = kilometers

Test (4)

1 Choose the correct answer:

- 1 The smallest number formed of 1, 3, 6, 4, 0 is
 a 102,346 b 123,046 c 123,460 d 012,346
- 2 The number: 96,085 \approx (to the nearest Ten Thousand).
 a 96,000 b 96,100 c 100,000 d 97,000
- 3 Which of the following represents the commutative property?
 a $5 + 12 = 2 + 10 + 5$ b $49 + 0 = 49$
 c $7 + 25 = 25 + 7$ d $9 + 7 = 10 + 6$
- 4 9 liters and 75 milliliters = milliliters.
 a 975 b 957 c 7,590 d 9,075

2 Complete the following:

- a 8 kilograms – 2,287 grams = grams.
- b The estimation of the number: 895,318 through the first number from the left =
- c The difference between the greatest and the smallest numbers formed from 3, 0, 7:
 The greatest number is The smallest number is
 The difference between them = =

3 Match each item in (A) with what suits it in (B):

(A)	(B)
1 10 times the number 348 is =	3,048
2 The smallest number formed of 4, 3, 0, 8 is	3,408
3 $72,375 - \dots = 68,967$	3,480

4 Find the elapsed time from 7:24 a.m. to 9:45 a.m.

The elapsed time = = hours.

Test (5)

1 Choose the correct answer:

- 1 The value of the digit 7 in the number 48,735,219 is
 a hundred thousand b one million c 700,000 d 7,000,000
- 2 $243 + 257 = 257 + 243$ (The strategy of)
 a associative property b commutative property
 c additive identity d None of these
- 3 We can put the digit in place of the square so that the mathematical expression will be correct.
 $9,248,507 < 9, \square 48,507$
 a 0 b 1 c 2 d 3
- 4 The standard form of the number: 247 million, 395 thousand, 36 is
 a 36,395,247 b 247,395,036 c 247,395,360 d 247,395,306

2 Convert to the units shown in the bar models:

a	..... cm	b	..... grams	c	3,057 mL
	9 meters 70 mm		4 kg 5 grams		..... liters mL

4 First: Complete the following:

- a 6 thousand = hundreds = tens =
- b $(9 \text{ hundreds and } 7 \text{ tens}) \times 100 = \dots \times 100 = \dots$
- c If the place value of the digit 3 is ten thousand, the value of the digit 3 =
- d The number: 316,009 is formed of digits.

4 First: Reorder the following numbers ascendingly:

234,693 , 234,751 , 234,627 , 234,639 , 234,815

The ascending order: , , , ,

Second: Use any strategy to find the product of:

a $987 - 199 = \dots$

b $592 + 399 = \dots$

Test (6)

1 Choose the correct answer:

- 1 The extended form of the number: 4,216,509 is
- a $4,000,000 + 200,000 + 10,000 + 6,000 + 50 + 9$
- b $4,000,000 + 200,000 + 10,000 + 6,000 + 500 + 9$
- c $4,000,000 + 200,000 + 10,000 + 600 + 500 + 9$
- d $9,000,000 + 50,000 + 6,000 + 100 + 20 + 4$
- 2 The estimation of the number: 398,517 through the first digit from the left is
- a 4,000,000 b 399,000 c 398,500 d 300,000
- 3 3 days and 8 hours = hours.
- a 264 b 35 c 80 d 188
- 4 $527,849 \approx$ (to the nearest Ten).
- a 527,000 b 530,000 c 527,850 d 527,800

2 Complete the following:

- a 24,370 meters = kilometers and meters.
- b 4 liters and 58 milliliters = = milliliters.
- c 5 hours and 24 minutes = = minutes.

3 Estimate the product of the following, by using the strategy of the first digit from the left:

<p>a</p> $\begin{array}{r} 3,856 \\ + 29,098 \\ \hline \end{array}$ <p>Estimated → Estimated → =</p>	<p>b</p> $\begin{array}{r} 378,209 \\ - 94,755 \\ \hline \end{array}$ <p>Estimated → Estimated → =</p>
--	--

4 A bottle of juice contained a liter and 500 milliliters. An amount of it was poured into 3 glasses, of 250 mL each. How many milliliters of juice remained in the bottle?

The amount of the poured juice = = mL.

The remaining amount of juice = = mL.

Test (7)

1 Choose the correct answer:

- 1 Which of the following represents the commutative property?
- a $218 + 582 = 800$ b $345 + 247 = 347 + 245$
 c $(217 + 83) + 100 = 217 + (83 + 100)$ d $246 + 519 = 519 + 246$
- 2 If the value of the digit 4 is 400,000, the place value of the digit 4 is
- a one million b hundred thousand c ten thousand d one thousand
- 3 The most suitable estimation of the product of: $294 + 356$ through the first digit from the left is
- a 650 b 600 c 700 d 500
- 4 The number whose estimation is: 600,000 is
- a 56,978 b 63,800 c 60,999 d 653,812

2 Put a (✓) for the correct statement and a (X) for the incorrect statement:

- 1 The additive identity element is one. ()
- 2 The properties of addition apply to subtraction. ()
- 3 $52 + (48 - 12) = (52 + 48) - 12$ ()
- 4 $(300 - 100) + 200 = 300 - (100 + 200)$ ()

3 Find the variable in each of the following bar models

a	63,542	
	20,48	Y

b	K	
	58,483	32,517

c	518,342	
	L	318

4 Maryam spent an hour and 20 minutes to finish her homework. If she started at 4:40 p.m., what time did she finish her homework?

.....

.....

Test (8)

1 Choose the correct answer:

- 1 Which digit can be put in place of the square so that the following mathematical expression is correct?

$$7,527,632 < 7,5 \square 7,632$$

- a 0 b 1 c 2 d 3

- 2 Which of the following represents an ascending order?

- a 6,735 , 6,508 , 6,573 , 6,757
b 7,580 , 7,735 , 7,757 , 7,573
c 3,573 , 3,580 , 3,735 , 3,757
d 4,757 , 4,735 , 4,580 , 4,573

- 3 The correct strategy to find the product of $372 - 49$ is

- a finding the product of $(372 - 50)$, then subtracting 1
b finding the product of $(372 - 50)$, then adding 1
c finding the product of $(370 - 49)$, then subtracting 2
d finding the product of $(372 - 40)$, then adding 9

- 4 A road which is 64 kilometers long and 45 kilometers of it was paved. So, the number of the unpaved kilometers is

- a 10 b 21 c 19 d 29

2 Complete by using (<), (>) or (=):

- 1 54 minutes half an hour.
2 3 kg and 45 grams 3,450 grams.
3 3 weeks and 5 days a month and 3 days.

3 Match each two equivalent cards:

a 58,217,308

fifty-eight million, two hundred seventy-one thousand, eight hundred three

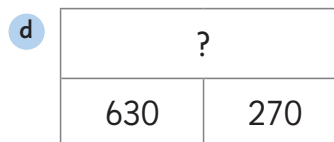
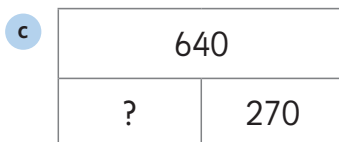
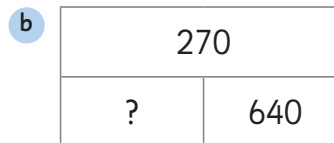
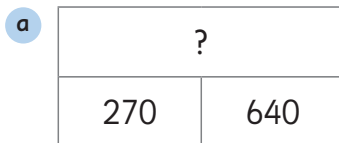
b 58,271,308

fifty-eight million, two hundred seventeen thousand, three hundred eight

c 58,271,803

fifty-eight million, two hundred seventy-one thousand, three hundred eight

4 Shady bought a collection of novels of 640 pages. If he read 270 pages, which of the following bar models expresses the remaining pages?



Test (9)

1 Choose the correct answer:

- 1 The standard form of the number: seven milliard, five hundred thirty-nine million, two hundred eight is
 a 7,539,208 b 7,000,539,208 c 7,539,000,208 d 8,029,000,357
- 2 $568,219 \approx$ (to the nearest Thousand)
 a 600,000 b 568,000 c 568,220 d 570,000
- 3 In the number 638,189 the digit 8 in the One Thousand place equals times the digit 8 in the Tens place.
 a 10 b 100 c 1,000 d 10,000
- 4 What is the correct ascending order of the following numbers?
 a) Six hundred fifty-three thousand, three hundred ten.
 b) $1 \times 100,000 + 4 \times 10,000 + 5 \times 1,000 + 3 \times 100 + 9 \times 1$
 c) Five hundred eighty-eight thousand, three hundred twenty-nine.
 d) 604,300
 a b, c, d, a b a, d, c, b c b, d, a, c d c, a, d, b

2 Choose the suitable completion of the following table (by using the relationship between the length measuring units):

kilometer	meter	centimeter
36	36,000	.....

- a 360 b 3,600 c 3,600,000 d 360,000


3 Put a (✓) for the correct statement and a (X) for the incorrect statement:

- a The standard form of the number: 625 million, 438 thousand, 206 is 625,438,206 ()
- b A day and 5 hours = 65 hours. ()
- c 4 minutes and 20 seconds = 260 seconds ()

4 Amal bought two bottles of guava juice. Each bottle is 1 liter. If she drank 950 milliliters on one day and 750 milliliters on the following day, how many milliliters of guava juice remained?

Test (10)

1 Choose the correct answer:

- 1 All of the following statements are correct, except
- a If a digit within a number moves one place to the right, it is multiplied ten times.
 - b If a digit within a number moves three places to the left, it is multiplied a thousand times.
 - c If a digit within a number moves one place to the left, it is multiplied ten times.
 - d If a digit within a number moves two places to the left, it is multiplied a hundred times.
- 2 Forty-three million, five hundred  40,000,000 + 3,000,000 + 500,000
seventeen thousand, eighty-two + 20,000 + 7,000 + 80 + 2
- a < b > c =
- 3 43,516,918 ≈ (to the nearest Ten Million).
- a 44,000,000 b 40,000,000
 - c 43,520,000 d 56,278
- 4 10 times the number: 56,278 =
- a 560,278 b 506,278 c 562,780 d 66,278

2 Complete the following:

- 1 3 days and 8 hours = + = hours.
- 2 6 liters + 1,450 milliliters = + = milliliters.
- 3 5 kilograms + 96 grams = + = grams.

3 Complete the following bar models:

a

..... meters	
25 km	9 m

b

7,350 mL	
..... liters	..... mL

c

156 decimeters	
..... meters	..... cm

4 Ramez started studying at 4:30 p.m. and he continued for an hour and 45 minutes. What time did he finish?

.....

.....

.....

Answers

Test 1

- 1 1 c 2 a 3 b 4 d
 2 1 800,000 2 75,000 thousand = 750,000 hundred
 3 hundred thousand 4 4,318 additive identity
 3 a 8 kg , 215 grams b 5,046 mL c 37 meters , 90 cm
 4 1 492 2 245 3 972

Test 2

- 1 1 b 2 b 3 c 4 c
 2 1 one million 2 56,034,000 3 4:30 4 972
 3 1 65,342 2 65,432 3 65,243
 4 4,170 meter

Test 3

- 1 1 d 2 c 3 d 4 c
 2 a 893,000 b 3,007 c $a = 30 \times 102$, $a = 3,060$
 3 1 720 2 270 3 207
 4 278 kilometers

Test 4

- 1 1 a 2 c 3 c 4 d
 2 a 5,713 b 800,000
 c The biggest number is 730 , The smallest number is 307 , The difference = 423
 3 1 3,480 2 3,048 3 3,408
 4 2:21

Test 5

- 1 1 c 2 b 3 d 4 b
 2 a 3 liters , 57 mL b 4,005 c 907
 3 a 60 hundred = 600 tens = 6,000 b 97,000 = 100 × 970
 c 30,000 d 6
 4 First: 234,627 , 234,639 , 234,693 , 234,751 , 234,815
 4 Second: a = 788 b = 991



Test 6

- 1 1 b 2 d 3 c 4 c
 2 a 24 kilometers , 370 meters b 4,058 c 324
 3 a 32,000 b 210,000
 4 750 milliliters , The remaining amount = 750 milliliters

Test 7

- 1 1 d 2 b 3 b 4 d
 2 1 ✓ 2 X 3 ✓ 4 X
 3 a Y = 61,494 b K = 91,000 c L = 518,024
 4 at six o'clock

Test 8

- 1 1 d 2 c 3 b 4 c
 2 a > b < c <
 3 a 2 b 3 c 1
 4 c

Test 9

- 1 1 c 2 b 3 b 4 b
 2 c
 3 1 ✓ 2 X 3 ✓
 4 300 milliliters

Test 10

- 1 1 a 2 b 3 b 4 c
 2 a 80 b 7,450 c 5,096
 3 a 52,009 b 7 liters , 350 milliliters c 15 meters , 60 cm
 4 6 : 15

Name: _____



Grade 4 Unit (1)

Time: 45 minutes

Q1: Choose the correct answer:

- 1) What is the standard form for $1,000 + 800 + 70$?
(a) 8,071,000 (b) 1,870 (c) 81,700 (d) 8,710
- 2) Round 740,836 to the nearest Thousand.
(a) 741,000 (b) 740,000 (c) 700,000 (d) 740,840
- 3) The number 370 millions, 509 thousands, 562 in standard form ?
(a) 370,000,509,562 (b) 509,562,000,370
(c) 370,509,562 (d) 509,000,370,562
- 4) What is the standard form of five hundred and seventy thousand, eight hundred and sixty ?
(a) 570,860 (b) 65,870 (c) 80,600,120 (d) 76,058,000
- 5) Which answer represents rounding 36,843,699 to the nearest Million ?
(a) 36,840,000 (b) 37,000,000 (c) 36,800,000 (d) 36,844,000
- 6) 6,200 ten thousands = hundreds
(a) 620,000 (b) 62 (c) 6,200 (d) 62,000
- 7) In which number does the 4 has a value of four thousand ?
(a) 952,581 (b) 694,405 (c) 102,336 (d) 805,572
- 8) Which of the following digits makes the sentence true ?
 $791 > 7\Box 1 > 751$
(a) 1 (b) 9 (c) 0 (d) 8

Q2: Complete the following

- 1) $646,127 \bigcirc 559,507$ Compare. Write ($>$, $<$, $=$)
- 2) The place value of the digit 5 in the number 5,609,738 is
- 3) How many thousands are there in one million?

- 4) Round the number to the nearest Ten Thousand. $310,371 \approx \dots\dots\dots$
- 5) $76,794,384,462 = \dots\dots$ milliard, $\dots\dots$ million, $\dots\dots$ thousand, $\dots\dots$
- 6) $7,050,002 =$ seven $\dots\dots\dots$, fifty $\dots\dots\dots$, two.
- 7) What is the value of 8 in the Billions place? $\dots\dots\dots$

Q3: Answer the following:

1) In the numeral 49 352, what digit is in the

- a. ten thousands? $\dots\dots\dots$
- b. thousands? $\dots\dots\dots$
- c. ones? $\dots\dots\dots$
- d. tens? $\dots\dots\dots$

2) Complete the following:

Composed : $\dots\dots\dots$

Decomposed : $\dots\dots\dots + \dots\dots\dots + \dots\dots\dots + [2 \times 100,000] + [4 \times 1,000]$
 $+ \dots\dots\dots + [7 \times 10] + [5 \times 1]$

Millions			Thousands			Ones		
H	T	O	H	T	O	H	T	O
6	1	8	—	0	—	3	—	—

3) List the following in an ascending order. Use standard form.

- $5,000,000,000 + 20,000,000 + 5,000 + 10 + 8$
- 525 million, 508
- Five milliard, three million, fifty three
- $5,000,000,000 + 4,000,000 + 6,000 + 9$

4) Create a number that is smaller in the Ten Millions place than 745,864,251 is $\dots\dots\dots$



Good luck $\dots\dots\dots$

Q1: Choose the correct answer:

1) $49 + 20 = 20 + \dots$

- (a) 69 (b) 20 (c) 49 (d) 73

2) The additive identity element is

- (a) 3 (b) 4 (c) 0 (d) 6

3) Which equation would be best to include in an explanation of the commutative property of addition ?

- (a) $8 + 9 = 4 + 13$ (b) $25 + 11 = 11 + 25$
(c) $15 + 30 = 15 + 18 + 12$ (d) $2 + 0 = 2$

4) $2,987 + 9,803 = \dots$

- (a) 97,780 (b) 39,910 (c) 12,790 (d) 34,980

5) Ahmed wrote $[4 + 18] + 13 = 4 + [18 + 13]$ using the property in addition ?

- (a) additive identity (b) commutative (c) associative

6) $11 + 77 = 77 + 11$, is property.

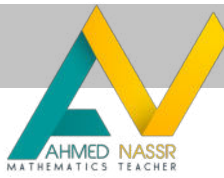
- (a) Commutative (b) None of them
(c) Associative (d) Additive Identity

7) In the opposite Bar Model , the value of w = _____

- (a) 2,957 (b) 9,449
(c) 3,043 (d) 3,000

w	
6,203	3,246

Q2: Complete the following:



1) $4,725 - 3,482 = \underline{\hspace{2cm}}$

2) In the bar model

87	
27	c

, the equation which you can form for it is $\underline{\hspace{2cm}}$

3) $[49 + \dots] + 41 = 49 + [93 + 41]$

4) The place value of the digit 4 in the number 3,641,297 is $\underline{\hspace{2cm}}$

5) 250,000 tens = $\dots\dots\dots$ thousands

6) The value of the variable K in the equation $2,103 - K = 1,230$ is $\underline{\hspace{2cm}}$

7) seven hundred and ninety-five thousand, six hundred and four = $\dots\dots\dots$

8) 4,030,400,050 = $\underline{\hspace{2cm}}$ milliard, $\underline{\hspace{2cm}}$ million, $\underline{\hspace{2cm}}$ thousand, $\underline{\hspace{2cm}}$

Q3: Answer the following:

1) A factory produced 2,879 toys in one week. The next week, the factory produced 3,267 toys. Find the difference between the production in the two weeks.

$\underline{\hspace{10cm}}$
 $\underline{\hspace{10cm}}$

2) Estimate using rounding to the nearest Thousand. Find the exact answer:

80,847
+ 5,984

.....

 \rightarrow

.....
+

.....

3)
$$\begin{array}{r} 5,646 \\ - 2,389 \\ \hline \end{array}$$

4) In the opposite bar model, the value of the unknown C = $\underline{\hspace{2cm}}$

7,620	
C	4,310

5) Round 773,329

a. to the nearest Ten $\underline{\hspace{10cm}}$

b. to the nearest Ten Thousand $\underline{\hspace{10cm}}$

10

Name :



Grade 4
Quiz Unit (3)
Time: 15 minutes

Q1: Answer the following:

1) _____ cm = 78,000 m

4) 7 m = _____ mm.

2) 8,762 m = _____ km , _____ m

5) 7 km , 50 m = _____ m

3) 11 dm = _____ cm

6) 13,000 mm = _____ m

Q2 : Choose the correct answer:

1) 7 dm , 5 cm = _____ cm

A. 12

B. 705

C. 75

D. 750

2) 9 km , 9 m = _____ m

A. 99

B. 909

C. 9,009

D. 90,009

3) kg is a measuring unit of _____

A. length

B. mass

C. time

D. capacity

4) 2 kg and 2 g = _____ g

A. 22

B. 202

C. 2,002

D. 20,002

10

Name :



Grade 4
Quiz Unit (3)
Time: 15 minutes

Q1: Answer the following:

1) _____ cm = 78,000 m

4) 7 m = _____ mm.

2) 8,762 m = _____ km , _____ m

5) 7 km , 50 m = _____ m

3) 11 dm = _____ cm

6) 13,000 mm = _____ m

Q2 : Choose the correct answer:

1) 7 dm , 5 cm = _____ cm

A. 12

B. 705

C. 75

D. 750

2) 9 km , 9 m = _____ m

A. 99

B. 909

C. 9,009

D. 90,009

3) kg is a measuring unit of _____

A. length

B. mass

C. time

D. capacity

4) 2 kg and 2 g = _____ g

A. 22

B. 202

C. 2,002

D. 20,002

Name :

Model answer

Primary : 4

model (1)

15

Mathematics

Q1: Choose the correct answer (5 Marks) :

- 1) The value of the digit 6 in the number 6,357,123 is
(6 , 6,000 , 600,000 , 6,000,000) .
- 2) $13 + 0 = 13$ is property
(commutative , additive identity , associative , distributive) .
- 3) If $b \times 4 = 400$, then $b =$
(10 , 100 , 1,000 , 1) .
- 4) 10 times greater than the number 43 is
(43 , 53 , 430 , 4,300) .
- 5) 2 days and 2 hours = hours
(4 , 22 , 50 , 62) .

Q2: Complete (5 Marks) :

- 1) 25 millions , 123 thousands , 4 = 25,123,004 (in standard form)
- 2) The smallest number formed from the digits (3 , 9 , 2 , 0 , 7) is 30,279
- 3) 6 km , 25 m = 6,025 m
- 4) In the equation : $730 + A = 830$, The value of $A =$ 100
- 5) 270 Hundreds = 2,700 Thousands

Q3 : Answer the following (5 Marks) :

- 1) A bridge of ants consists of 142 ants , and another bridge consists of 165 ants ,
How many ants are there in the two bridges together ?
 $142 + 165 = 307$ ants
- 2) A road of 675 km , length . if a train traveled a distance of 239 km from this road .
What is the remaining distance of the road?
 $675 - 239 = 436$ km

Name :

Model answer

Primary : 4

model (2)

15

Mathematics

Q1: Choose the correct answer (5 Marks) :

- 1) A milliard is the smallest number digit number
(6 , 7 , 9 , 10).
- 2) Rounding the number 75,326 to the nearest hundred is
(7,500 , 75,320 , 75,300 , 75,330).
- 3) The additive identity is
(0 , 1 , 2 , 3).
- 4) 5 kg = g
(5 , 50 , 500 , 5,000).
- 5) 10 days = hours
(240 , 70 , 27 , 600).

Q2: Complete (5 Marks) :

- 1) The value of the digit 2 in the number 263,150 is **200,000**
- 2) $4 \times 7 = 7 \times 4$ is **Commutative** property
- 3) (8 thousands , 6 Tens) $\times 10 =$ **80,600**
- 4) In the equation : $125 + A = 300$, The value of A = **175**
- 5) 27 km , 55 m = **27,055** m

Q3 : Answer the following (5 Marks) :

- 1) The decomposed form of the numeral 601,207 is
.....
($6 \times 100,000$) + ($1 \times 1,000$) + (2×100) + (7×1)
- 2) Samir and Mohamed participated in a project . Samir paid 342,650 pounds.
If the cost of the project is 668,500 pounds , how much is Mohamed paying ?
.....
668,500 - 342,650 = 325,850 pounds

Name :

Model answer

Primary : 4

model (3)

15

Mathematics

Q1: Choose the correct answer (5 Marks) :

- 1) The number that lies in the thousands place in the number 635,749 is
(7 , 6 , 3 , 5).
- 2) m = 300 cm
(3 , 300 , 30,000 , 300,000).
- 3) 10 times greater than 430 =
(43 , 4,300 , 43,000 , 430,000).
- 4) 13 L , 30 ml = ml
(43 , 1,330 , 13,030 , 13,300).
- 5) 1 days and 5 hours = hours
(6 , 29 , 15 , 35).

Q2: Complete (5 Marks) :

- 1) The value of the digit 6 in the number 61,230,478 is **60,000,000**
- 2) 35 kg , 86 g = **35,086** g
- 3) **1,000,000** is 10 times as one hundred thousands
- 4) The place value of the digit 2 in the numeral (2 ones , 5 tens) \times 100 is **Hundreds**
- 5) 500 hundreds = **50,000**

Q3 : Answer the following (5 Marks) :

- 1) Arrange the lengths in an ascending order :

8 m , 8,000 cm , 8 km , 8 mm

8 mm , 8 m , 8000 cm , 8 km

- 2) An ant works from 8 : 06 am to 11 : 23 am , how long does the ant work ?

11 : 23 - 8 : 06 = 3 : 17 hours

Name :

Model answer

Primary : 4

model (4)

15

Mathematics

Q1: Choose the correct answer (5 Marks) :

- 1) In the number 34,042 , the digit 4 in the tens is equal to times the digit 4 in the thousands place
(10 , 100 , 1,000 , 10,000) .
- 2) Rounding the number 34,089 to the nearest ten thousands is
(34,000 , 34,090 , 30,000 , 35,000) .
- 3) 25 millions = thousands
(25 , 2,500 , 25,000 , 250,000) .
- 4) mona drank 4 liters of water , the amount she drank in milliliters = ml
(4 , 400 , 4,000 , 40,000) .
- 5) 1 hour and quarter = minutes
(16 , 32 , 65 , 75) .

Q2: Complete (5 Marks) :

- 1) 173 millions , 904 thousands , 562 = 173,904,562
- 2) 37 kg , 98 g = 37,098 g
- 3) 80,000 = 800 hundreds
- 4) (9 thousands , 8 tens) \times 100 is 908,000
- 5) The greatest number made of 4 , 3 , 9 , 5 , 2 is 95,432

Q3 : Answer the following (5 Marks) :

- 1) The value of the symbol H in the equation $H - 1,590 = 3,410$ is
.....
 $H = 3,410 + 1,590 = 5,000$
- 2) Tank (A) holds 678,500 liters of water , and another tank (B) holds 905, 867
Liters of water. How many liters of water does tank (A) decreased from tank (B) ?
.....
 $905,867 - 678,500 = 227,367$ L